### U.S. ENVIRONMENTAL PROTECTION AGENCY REMOVAL ACTION

# ADMINISTRATIVE RECORD FOR VULCAN LOUISVILLE SMELTING SITE (AKA VACANT LOT) OPERABLE UNIT #1: FANSTEEL

#### UPDATE #10 JULY 16, 2001

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION PAGES
1	09/00/93	U.S. EPA/ OSWER	U.S. EPA	Quick Reference Fact 25 Sheet: Presumptive Remedies: Site Characteristics and Technology Selection for CERCLA Sites with Volatile Organic Compounds in Soils (Directive 9355. 0-48FS)
2	12/00/96	U.S. EPA/ Technical Review Workgroup for Lead	U.S. EPA	Report: Recommendations 42 of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil
3	06/00/98	U.S. EPA/ Technical Review Workgroup for Lead	U.S. EPA	Guidance Document: 4 IEUBK Model Mass Fraction of Soil in Indoor Dust (MSD) Variable
4	08/00/98	U.S. EPA/ OSWER	U.S. EPA	OSWER Directive: 16 Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities (Directive 9200. 4-27P)
5	04/00/99	U.S. EPA/ Technical Review Workgroup for Lead	U.S. EPA	Guidance Document: 4 Frequently Asked Questions (FAQs) on the Adult Lead Model



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6	08/00/99	U.S. EPA/ OERR	U.S. EPA	Fact Sheet: Overview of 3 the IEUBK Model for Lead in Children (OSWER Direc- tive 9285.7-31)
7	10/00/99	U.S. EPA/ Technical Review Workgroup for Lead	U.S. EPA	Guidance Document: 5 IEUBK Model Bioavail- ability Variable
8	12/00/99	U.S. EPA/ OERR	U.S. EPA	Fact Sheet: IEUBK Model 2 Soil/Dust Ingestion Rates (OSWER Directive 9285. 7-33)
9	09/21/00	Muno, W., U.S. EPA	Jarus, W., Fansteel Corporation	Unilateral Administra- 146 tive Order re: Fansteel's North Chicago Facility at the Vulcan Louisville Smelting Company (Vacant Lot) Site
10	10/02/00	Steger, M., McBride, Baker & Coles	O'Grady, J., U.S. EPA	Letter re: Terms and 1 Conditions of Administra- tive Order Issued to Fansteel, Inc.
11	11/16/00	Steger, M. McBride, Baker & Coles	O'Grady, J., U.S. EPA	Letter re: the Draft 1 Site Investigation Report for Fansteel's North Chicago Facility
12	11/17/00	Steger, M., McBride, Baker & Coles	Krueger, T., U.S. EPA	Letter re: Fansteel's 2 Agreement to Conduct an EE/CA Report for the North Chicago Facility
13	11/20/00	O'Grady, J., U.S. EPA	Jackson, E., Fansteel, Inc.	Fax Transmission re: 3 Meeting on the EE/CA for Fansteel's North Chicago Facility

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14	11/21/00	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Designation of Contractors and Project Manager to Implement the EE/CA for Fansteel's North Chicago Facility w/ Attachments	72
15	12-/05/00	O'Grady, J., U.S. EPA	Jackson, E., Fansteel, Inc.	Memorandum re: U.S. EPA Guidance Documents for the Fansteel's North Chicago Facility	2
16	12/05/00	O'Grady, J., U.S. EPA	Jackson, E., Fansteel, Inc.; et al.	Memorandum re: the Human Health Risk Assessor Assigned to the Vulcan Louisville Smelting Company Site	1
17	12/07/00	O'Grady, J., U.S. EPA	Steger, M., McBride, Baker & Coles	Letter re: Unilateral Administrative Order Issued to Fansteel, Inc. to Conduct an EE/CA at the North Chicago Facility	2
18	12/14/00	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly Written Report for Nov- ember 2000 for Fansteel's North Chicago Facility	2
19	12/14/00	Moore, J., Illinois EPA	O'Grady, J., U.S. EPA	E-Mail Transmission re: Closure of Former Hazardous Waste Tank Storage Unit at Fan- steel's North Chicago Facility	5
20	12/21/00	Jackson, E., Fansteel, Inc.; et al.	O'Grady, J., U.S. EPA	E-Mail Transmission re: U.S. EPA's Comments on the Draft Site Investigation Report for Fansteel's North Chicago Facility	7

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21	12/21/00	OʻGrady, J., U.S.EPA	Jackson, E., Fansteel, Inc.; et al.	E-Mail Transmission re: 2 Carlson Environmental's Comments on the Draft Site Investigation Report for Fansteel's North Chicago Facility
22	01/12/00	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly 2 Written Report for Dec- ember 2000 for Fansteel's North Chicago Facility
23	01/26/01	Carlson Environmental, Inc.	U.S. EPA	Site Investigation 154 Report for Fansteel's North Chicago Facility: Volume 1 of 2 (Text, Tables, Figures and Attachments A-D)
24	01/26/01	Carlson Environmental, Inc.	U.S. EPA	Site Investigation 382 Report for Fansteel's North Chicago Facility: Volume 2 of 2 (Attachments E-F)
25	02/08/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Designation 20 of New Contractor to to Implement the EE/CA for Fansteel's North Chicago Facility w/ Attached Earth Science Consultants Statement of Qualifications
26	02/09/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Designation 2 of Contractor for Fansteel's North Chicago Facility
27	02/13/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Fansteel's 2 Request for U.S. EPA's Approval of Additional Work in Preparation of the EE/CA Work Plan for Fansteel's North Chicago Facility

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28	02/13/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly 2 Written Report for Jan- uary 2001 for Fansteel's North Chicago Facility
29	02/16/01	Steger, M., McBride, Baker & Coles	O'Grady, J., U.S. EPA	Letter re: Inclusion of 1 Pettibone Creek into the EE/CA for Fansteel's North Chicago Facility
30	03/02/01	Nagam, R., TN & Associates, Inc.	O'Grady, J., U.S. EPA	Letter re: TN&A's 5 Comments on the January 26, 2001 Site Investigation Report for Fan- steel's North Chicago Facility
31	03/07/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly 2 Written Report for February 2001 for Fansteel's North Chicago Facility
32	03/07/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Designation 26 of Rock & Soil Drilling Corporation as a New Subcontractor to Implement the EE/CA for Fansteel's North Chicago Facility w/ Attached Qualification Statement
33	03/14/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Designation 77 of Geotechnics as a New Subcontractor to Implement the EE/CA for Fansteel's North Chicago Facility w/ Attached Qualification Statement
34	03/28/01	Breakwell, R., Earth Sciences Consultants, Inc.	OʻGrady, J., U.S. EPA	Cover Letter Forwarding 1 the EE/CA Work Plan, Quality Assurance Project Plan and Health and Safety Plan for Fansteel's North Chicago Facility

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35	04/11/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly 2 Written Report for March 2001 for Fansteel's North Chicago Facility
36	04/17/01	Breakwell, R., Earth Sciences Consultants, Inc.	O'Grady, J., U.S. EPA	Letter re: ESCI's 2 Request to Expedite Review and Approval of the EE/CA Work Plan, Quality Assurance Project Plan and Health and Safety Plan for Fansteel's North Chicago Facility
37	04/26/01	O'Grady, J., U.S. EPA	Blauvelt, S. & R. Breakwell, Earth Sciences Consultants, Inc.	Letter re: U.S. EPA's 1 Response to ESCI's Request to Expedite Review and Approval of the EE/CA Work Plan, Quality Assurance Project Plan and Health and Safety Plan for Fansteel's North Chicago Facility
38	05/04/01	Nagam, R., TN & Associates, Inc.	O'Grady, J., U.S. EPA	E-Mail Transmission re: 7 TN&A's Comments on the EE/CA Work Plan for Fansteel's North Chicago Facility
39	05/08/01	O'Grady, J., U.S. EPA	Blauvelt, S., Earth Sciences Consultants, Inc., et al.	E-Mail Transmission re: 16 TN&A's Comments on the EE/CA Work Plan for Fansteel's North Chicago Facility
40	05/11/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly 2 Written Report for April 2001 for Fansteel's North Chicago Facility
41	05/14/01	O'Grady, J., U.S. EPA	Jackson, E., Fansteel, Inc.	Letter re: U.S. EPA's 5 Notice of Approval of the EE/CA Work Plan for Fansteel's North Chicago Facility w/ Attachment

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42	05/18/01	Earth Sciences Consultants, Inc.	O'Grady, J., U.S. EPA	Letter re: ESCI's Responses to U.S. EPA's Comments the on EE/CA Work Plan for Fansteel's North Chicago Facility	11
43	05/21/01	O'Grady, J., U.S. EPA	Breakwell, R., Earth Sciences Consultants, Inc.	Fax Transmission re: Submission of Great Lakes Analytical Method Equivalent to the U.S. EPA Method 8260 w/ Attached Site Investigation Sampling Summary for Fansteel's North Chicago Facility	3
44	05/23/01	Breakwell, R., Earth Sciences Consultants, Inc.	O'Grady, J., U.S. EPA	Letter re: Commencement of the EE/CA Supplemental Field Characterization Program for Fansteel's North Chicago Facility	1
45	05/24/01	Nagam, R., TN & Associates, Inc.	O'Grady, J., U.S. EPA	E-Mail Transmission re: TN&A's Comments on the Quality Assurance Project Plan for Fansteel's North Chicago Facility	4
46	05/29/01	Nagam, R., TN & Associates, Inc.	O'Grady, J., U.S. EPA	E-Mail Transmission re: TN&A's Comments on the Health and Safety Plan for Fansteel's North Chicago Facility	4
47	06/05/01	Byvik, R., U.S. EPA	O'Grady, J., U.S. EPA	Memorandum re: Review of the First Revision Quality Assurance Project Plan for the PRP-Lead EE/CA Activities for Fansteel's North Chicago Facility	5
48	06/11/01	Marouf, A.	O'Grady, J., U.S. EPA	Letter re: Review of the March 2001 Health and Safety Plan, Soil Groundwater Sampling Activities for Fansteel's North Chicago Facility	1

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49	06/12/01	Jackson, E., Fansteel, Inc.	O'Grady, J., U.S. EPA	Letter re: Monthly Written Report for May 2001 for Fansteel's North Chicago Facility	2
50	06/27/01	TN & Associates, Inc.	U.S. EPA	Letter Report for the Pettibone Creek Investi gation, North Chicago, Lake County, Illinois	188